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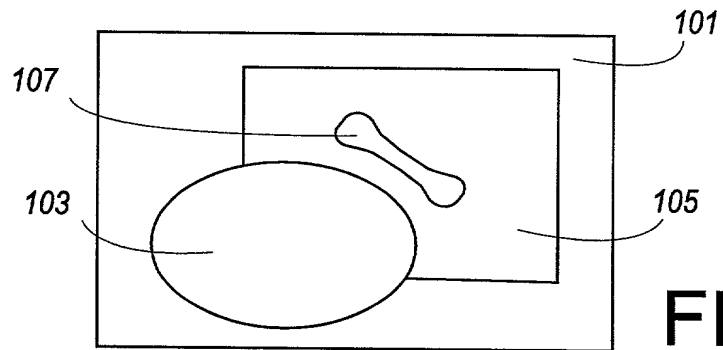


FIG. 1A

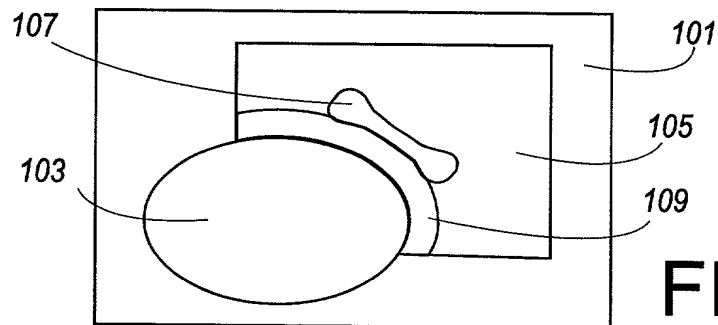


FIG. 1B

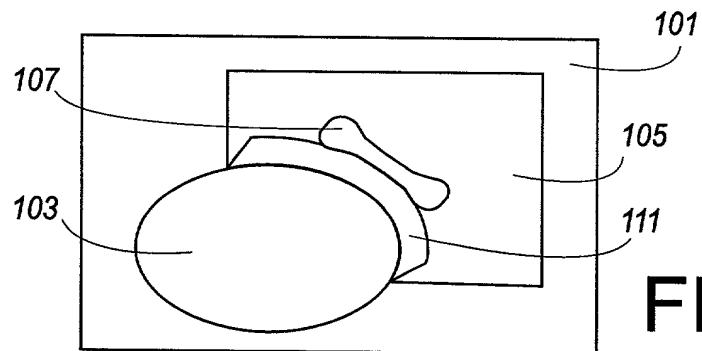


FIG. 1C

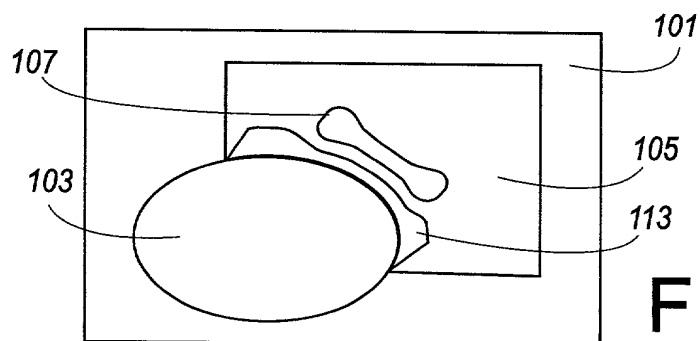


FIG. 1D

FIG. 1A: A schematic diagram of a device 101. It features a rectangular frame 105 with a central opening 107. Inside the opening, there is a large oval component 103 and a bone-like structure positioned above it.

FIG. 1B: A schematic diagram of the device 101, similar to FIG. 1A. It includes the rectangular frame 105, central opening 107, oval component 103, and bone-like structure. An additional label 109 points to a vertical line or edge within the frame 105.

FIG. 1C: A schematic diagram of the device 101, similar to FIG. 1A. It includes the rectangular frame 105, central opening 107, oval component 103, and bone-like structure. An additional label 111 points to a vertical line or edge within the frame 105.

FIG. 1D: A schematic diagram of the device 101, similar to FIG. 1A. It includes the rectangular frame 105, central opening 107, oval component 103, and bone-like structure. An additional label 113 points to a vertical line or edge within the frame 105.

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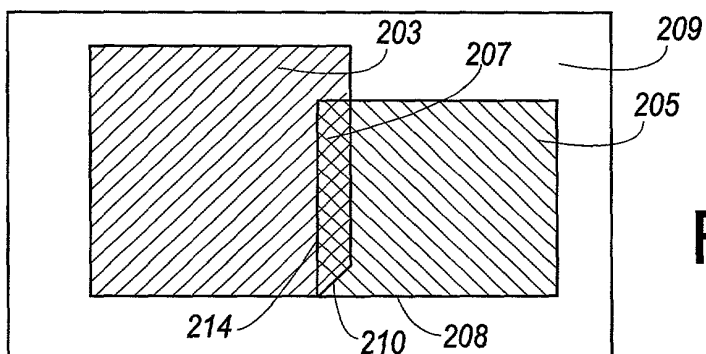


FIG. 2A

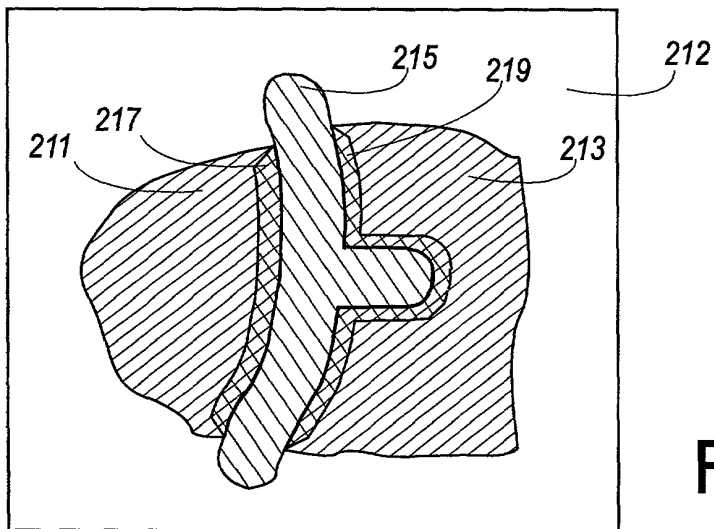


FIG. 2B

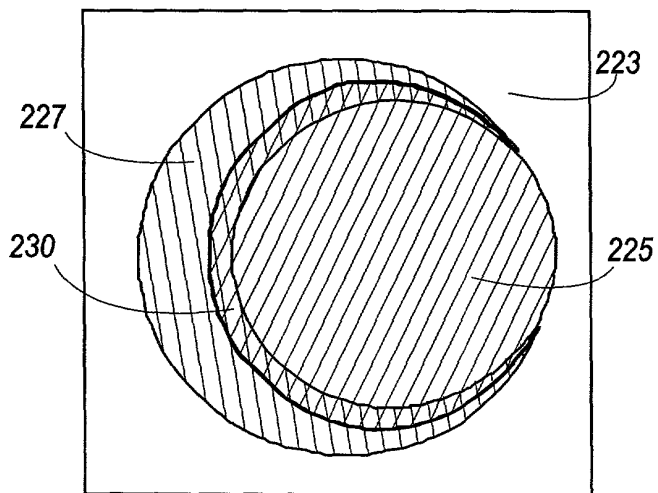
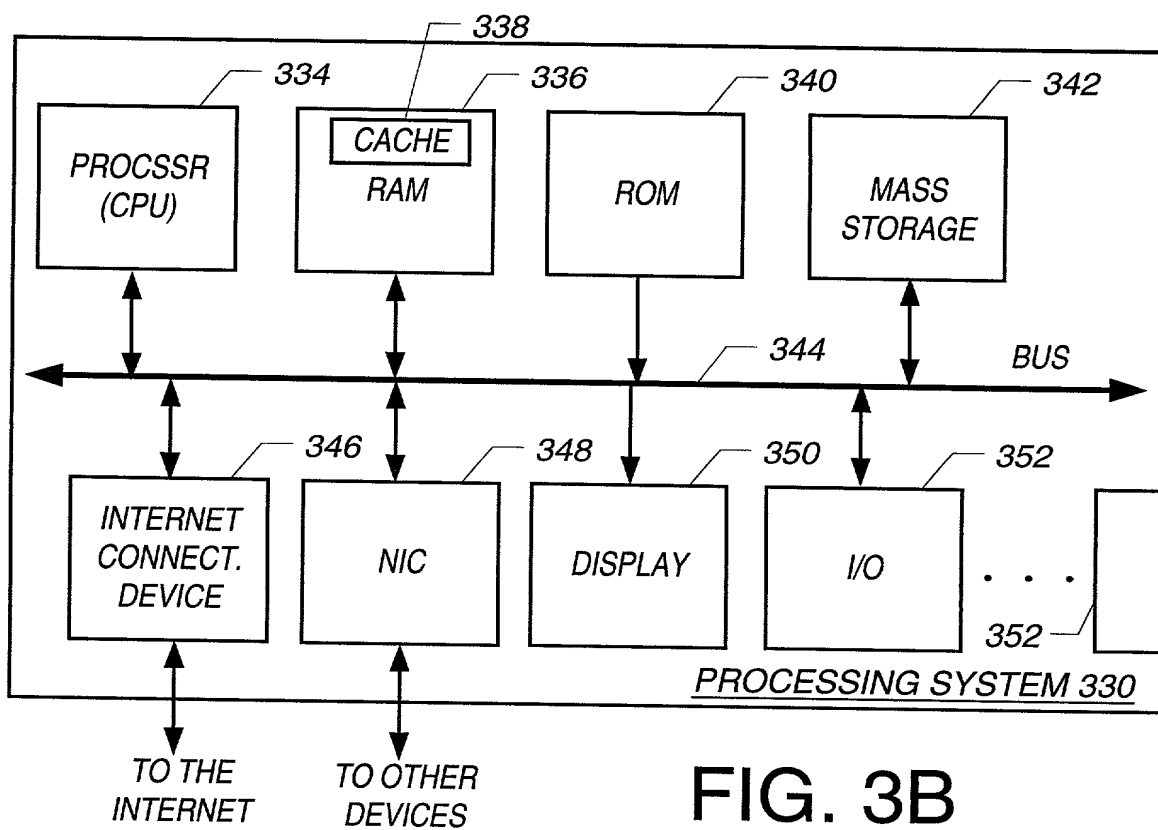
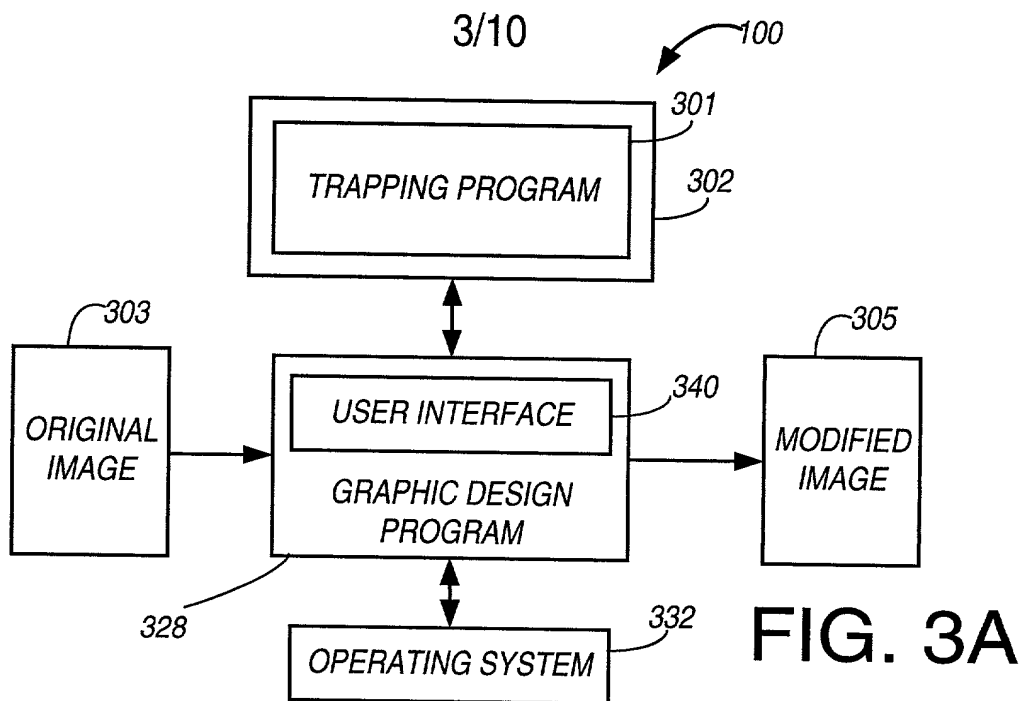


FIG. 2C



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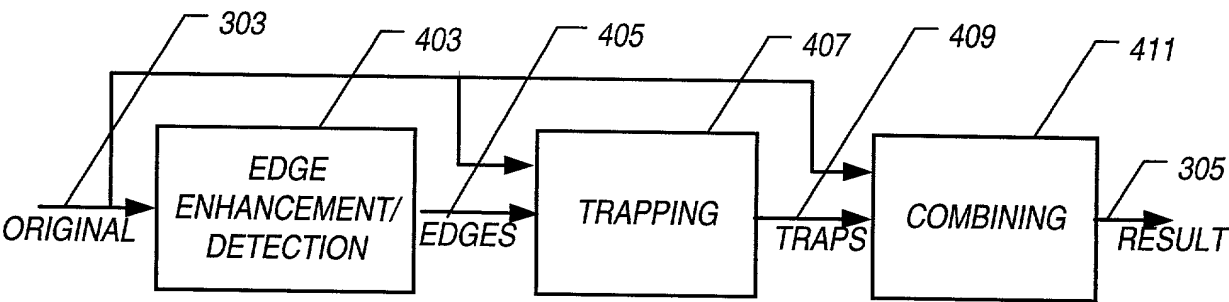


FIG. 4

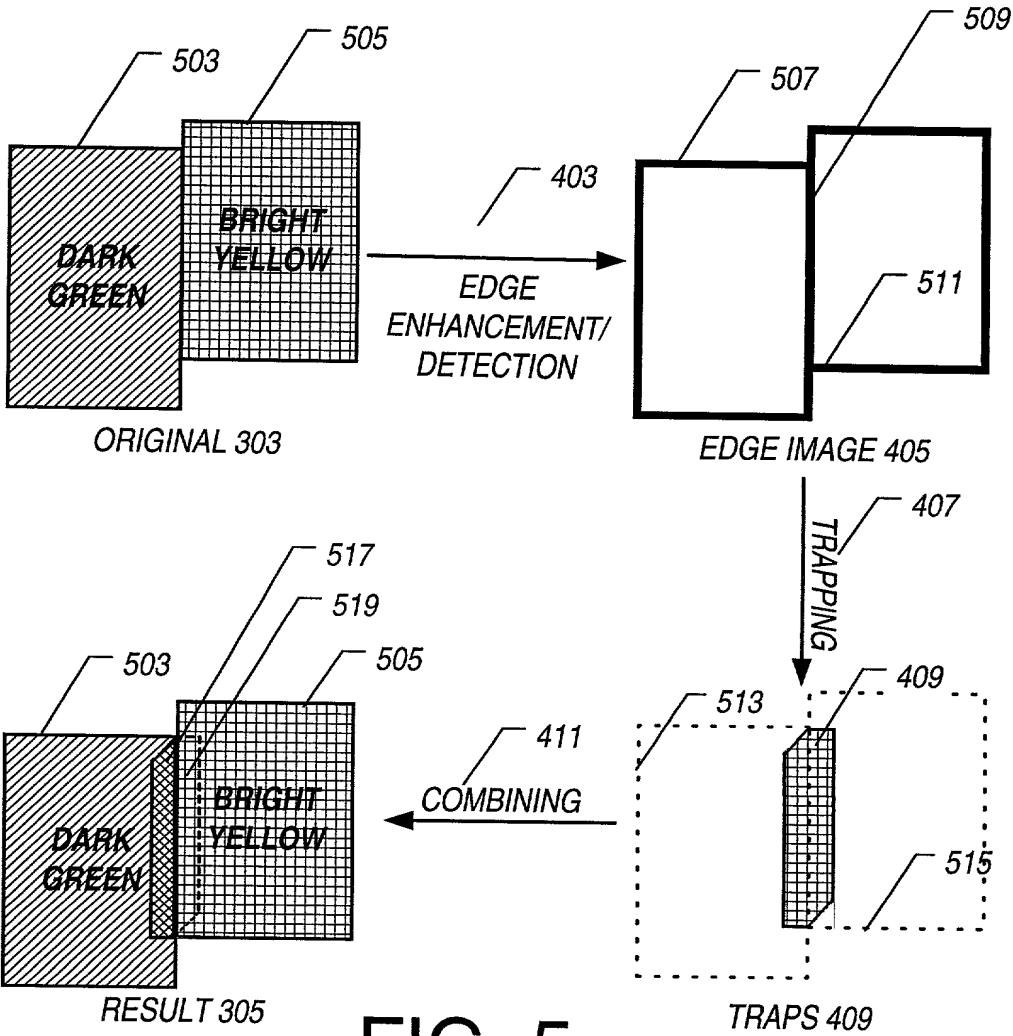


FIG. 5

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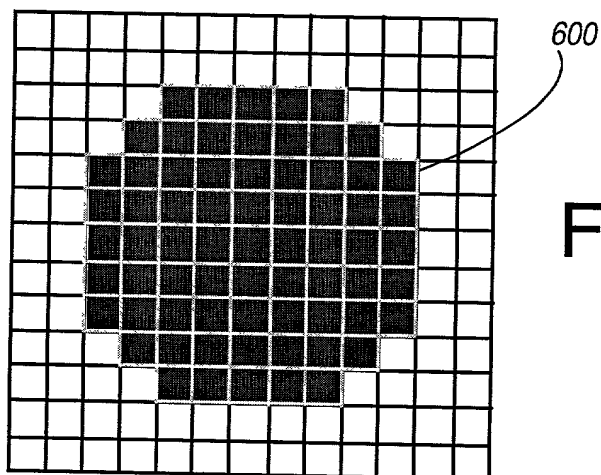


FIG. 6

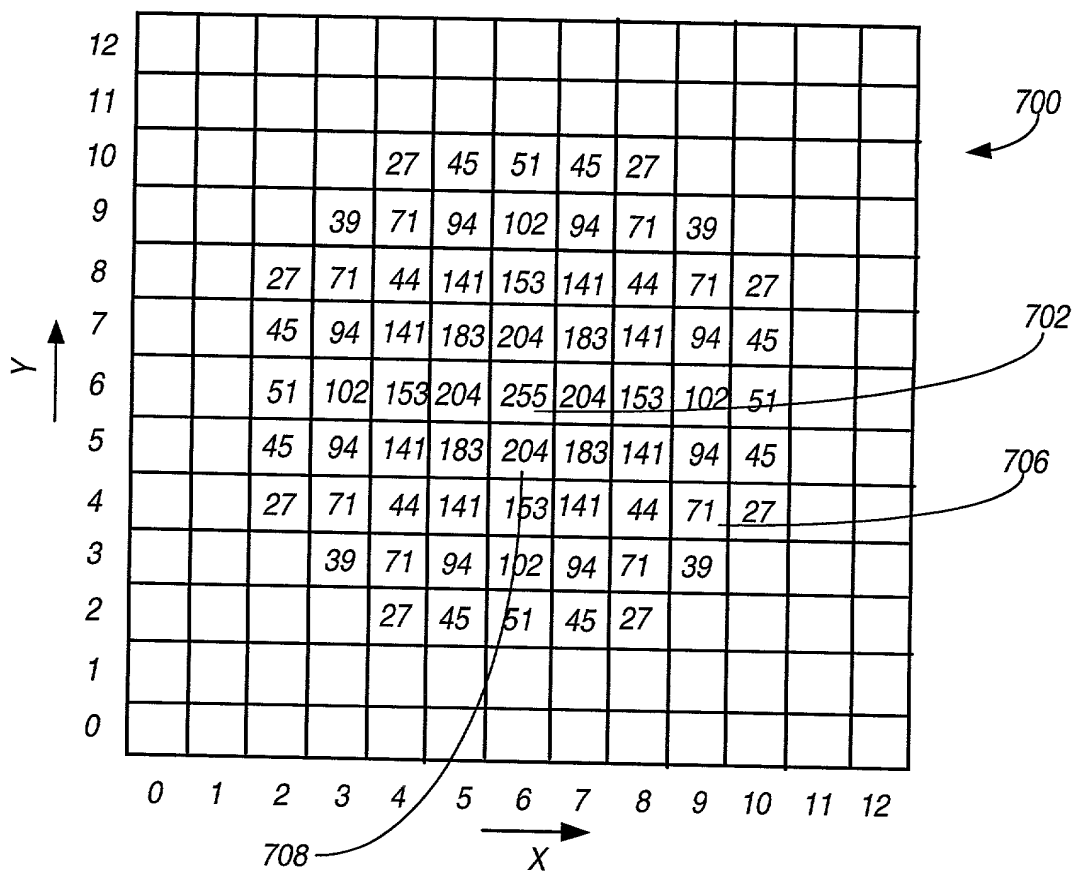


FIG. 7

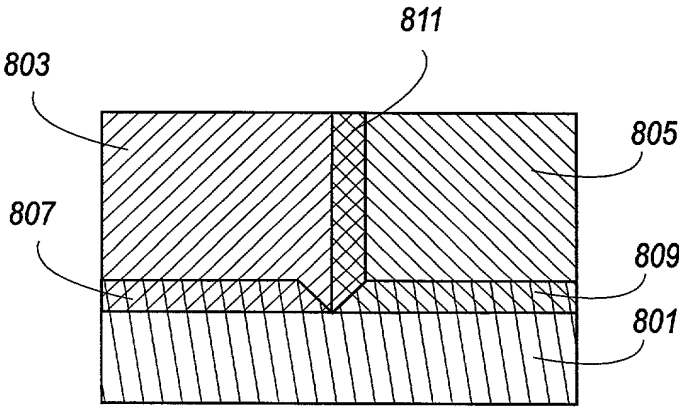


FIG. 8

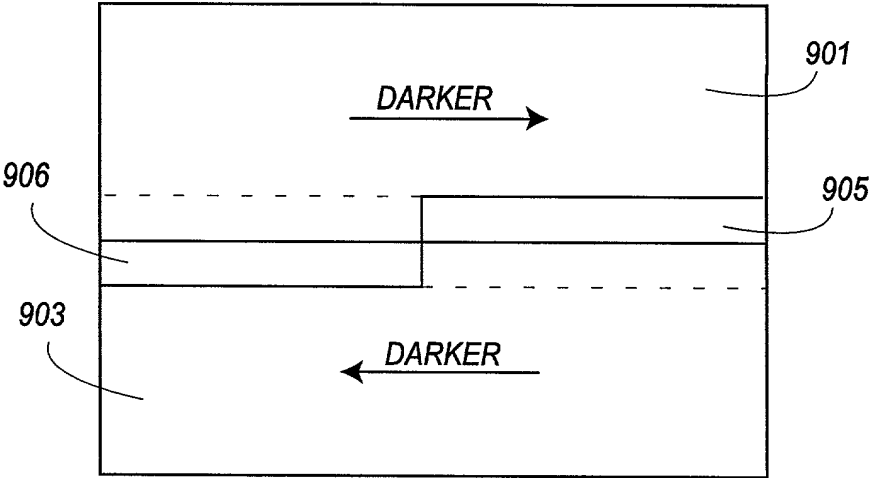
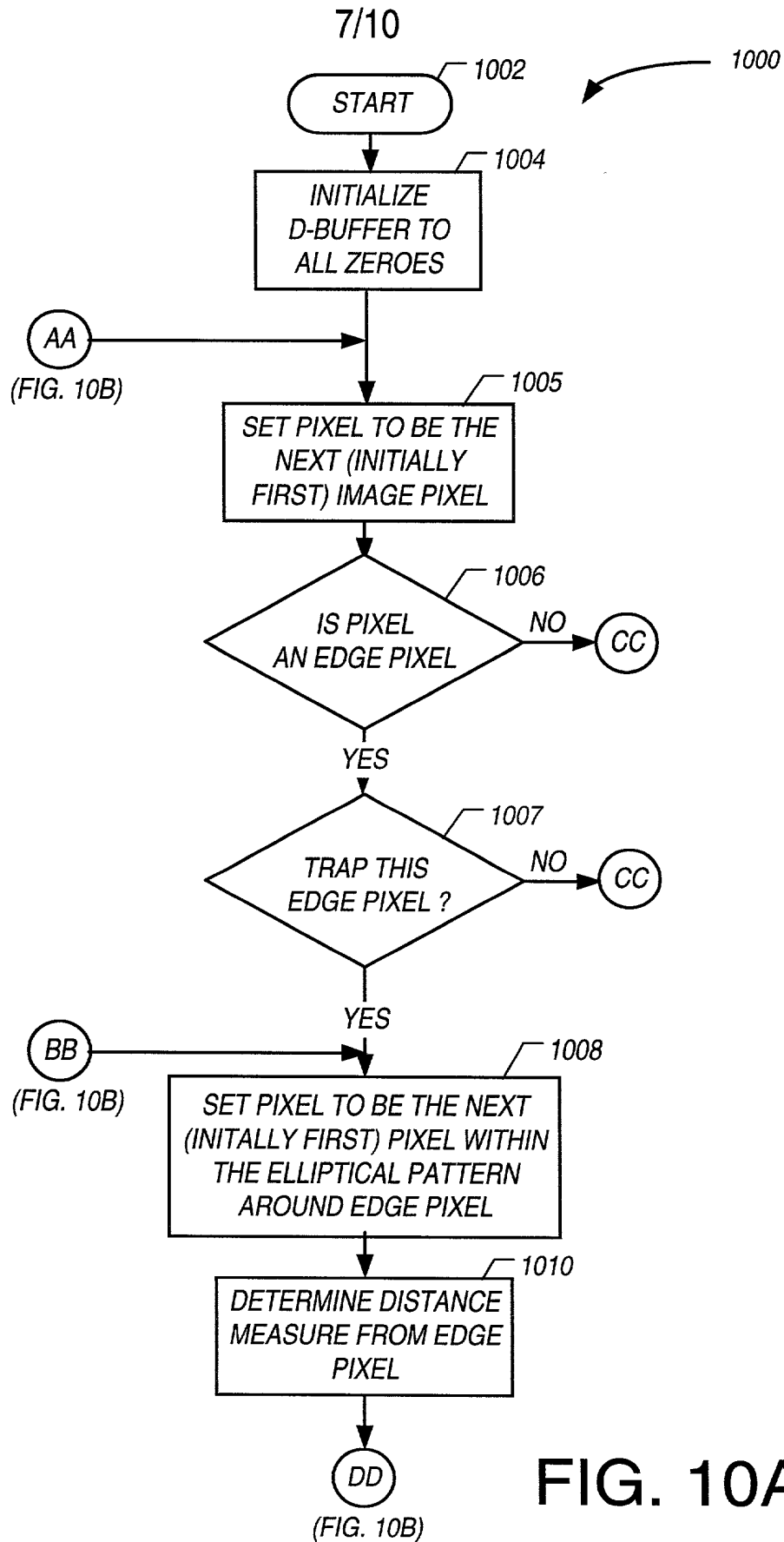
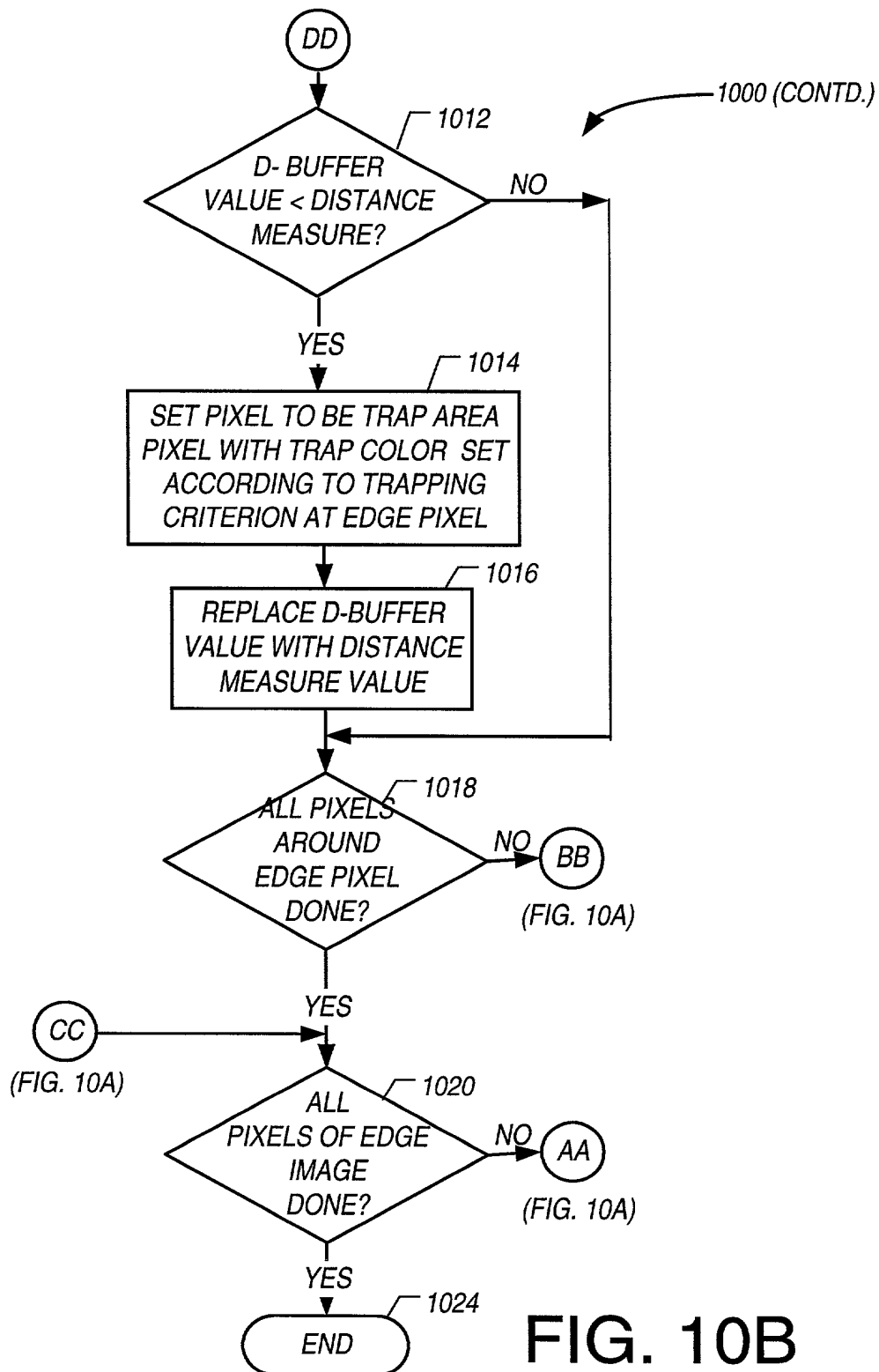


FIG. 9



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- ENHANCE EDGES OF AN ORIGINAL IMAGE TO FORM AN EDGE IMAGE COMPRISING A SET OF ENHANCED PIXELS;
- INITIALIZE STORED DISTANCE MEASURE MEMORY (D-BUFFER) FOR ALL PIXELS;
- FOR EACH ENHANCED PIXEL IN EDGE IMAGE,
- BEGINFOR
 - IF PIXEL IS AN EDGE PIXEL AS DETERMINED BY COMPARING THE PIXEL OF EACH SEPARATION TO A THRESHOLD
 - BEGINIF
 - APPLY TRAPPING CRITERION TO DETERMINE IF EDGE PIXEL IT TO BE TRAPPED;
 - IF EDGE PIXEL IS A TRAPPED EDGE PIXEL
 - BEGINIF
 - DETERMINE COLOR OF TRAP;
 - FOR EACH SEPARATION FOR EACH PIXEL IN SEPARATION WITHIN THE TRAPPING DISTANCE OF THE TRAPPED EDGE PIXEL
 - BEGINFOR
 - DETERMINE DISTANCE MEASURE OF THE PIXEL TO THE TRAPPED EDGE PIXEL;
 - COMPARE DETERMINED DISTANCE TO THE D-BUFFER STORED DISTANCE MEASURE FOR THE PIXEL;
 - IF DISTANCE MEASURE COMPARISON INDICATES PIXEL IS CLOSER THAN OTHER EDGES (STORED D-BUFFER VALUE)
 - BEGINIF
 - MAKE PIXEL A TRAP PIXEL/IMPOSE TRAP COLOR;
 - STORE DETERMINED DISTANCE MEASURE IN THE STORED DISTANCE MEASURE MEMORY FOR THE PIXEL;
 - ENDIF;
 - ENDFOR
 - ENDIF
 - ENDIF
- ENDFOR
- COMBINE TRAPS WITH ORIGINAL IMAGE;

FIG. 11

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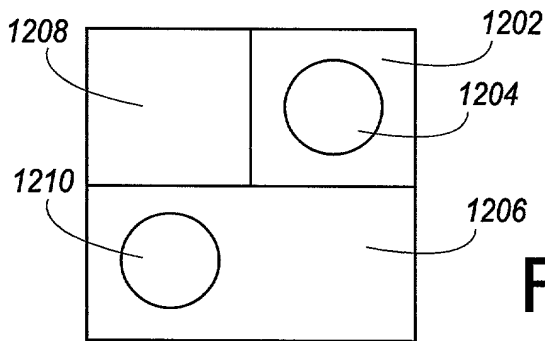


FIG. 12A

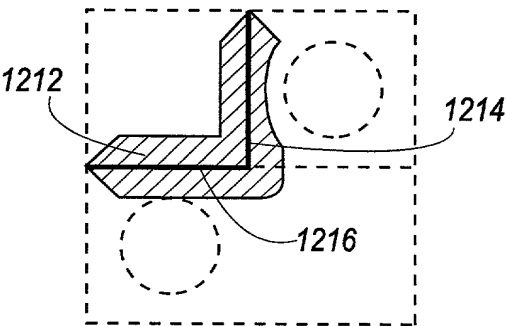


FIG. 12B

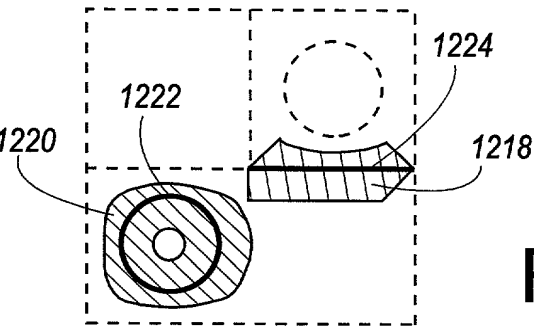


FIG. 12C

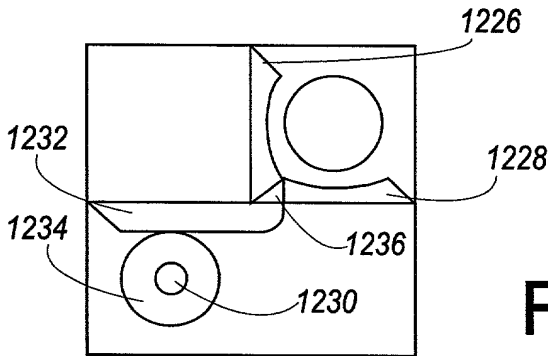


FIG. 12D

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